

PATENT**Specification Amendments:**

Please amend page 13, lines 10-17 of the Specification to read as follows:

In step 320, if the image data is 8-8 image data, an 8-8 DCT matrix is selected for both passes in the two pass processing used to perform two-dimensional DCT calculations, as in step 330. Alternatively, if the image data is 2-4-8 image data, a 2-4-8 DCT matrix is selected for a first pass, as in ~~step 250~~step 350. In the case of 2-4-8 image data, the 8-8 DCT matrix would be selected to perform processing for a second pass. In one embodiment, the identifier included with the image data indicates whether the image data is related to 8-8 image data or 2-4-8 image data. in one embodiment, 2-4-8 image data is converted into 8-8 image data and then processed as 8-8 image data.